

Grade 4

				Backyard Bass	Beach Goodies	Bug Pickin'	Coastal Critter Bingo	Crab March	Event Planning	Fish Prints	Fish Rubbing Plates	Mystery Fish Kill
Science	Scientific Investigation and Reasoning	1. Conducts classroom and outdoor investigations following home and school safety procedures	A. Demonstrate safe practices and use of safety equipment	X	X	X	X	X				
			B. Make informed choices in the use and conservation of natural resources			X	X	X	X	X		
		2. Uses scientific inquiry methods during laboratory and outdoor investigations	B. Collect and record data by observing and measuring		X	X	X					X
			C. Construct simple tables, charts, etc. using tools and current technology to organize, examine and evaluate data									X
			D. Analyze data and interpret patterns to construct reasonable explanations from data that can be observed and measured		X	X	X					X
			F. Communicate valid, oral, and written results supported by data		X	X	X					X
		3. Uses critical thinking and scientific problem solving to make informed decisions	C. Represent the natural world using models such as rivers, stream tables or fossils and identify their limitations	X	X	X	X		X			X
		4. How to use a variety of tools, materials, equipment and models to conduct science inquiry	A. Collect, record and compare information using tools			X	X					X
	Organisms and Environments	9. Knows and understands that living organisms within an ecosystem interact with one another and with their environment	B. Describe the flow of energy through food webs, beginning with the Sun, and predict how changes in the ecosystem affect the food web such as a fire in a forest			X	X					X
		10. Knows that organisms undergo similar life processes and have structures that help them survive within their environment	A. Explore how adaptations enable organisms to survive in their environment such as comparing birds' beaks and leaves on plants		X	X	X	X	X	X		X
			C. Explore, illustrate and compare life cycles in living organisms such as butterflies, beetles, radishes or lima beans			X	X					

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Social Studies	Geography	9. Understand how people adapt to and modify their environment	A. Describe ways people have adapted to and modified their environment in Texas, past and present	X								X
			B. Identify reasons why people have adapted to and modified their environment in Texas, past and present	X								X
			C. Compare the positive and negative consequences of human modification of the environment in Texas, past and present	X								X
	Economics	12. Understands patterns of work and economic activities in Texas	A. Explain how people in different regions of Texas earn their living, past and present, through a subsistence economy and providing goods and services	X		X		X				X
	Social Studies Skills	21. Applies critical-thinking skills to organize and use information acquired from a variety of sources	B. Analyze information by sequencing, categorizing, identifying cause-and-effect relationships, comparing, contrasting, finding the main idea, summarizing, making generalizations and predictions, and drawing inferences and conclusions		X	X	X		X			X
			A. Use a problem-solving process to identify a problem, gather information, list and consider options, consider advantages and disadvantages, choose and implement a solution, and evaluate the effectiveness of the solution			X		X				X
		23. Uses problem-solving and decision-making skills in a variety of settings	B. Use a decision-making process to identify a situation that requires a decision, gather information, identify options, predict consequences, and take action to implement a decision.					X				

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Physical Education

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Physical Education	Movement	1. Demonstrates competency in fundamental movement patterns and proficiency in a few specialized movement forms	E. Perform sequences that include traveling, showing good body control combined with stationary balances on various body parts	X								
		2. Applies movement concepts and principles to the learning and development of motor skills	B. Identify ways movement concepts such as time, space, effort, and relationships can be used to refine movement skills	X								
			C. Make appropriate changes in performance based on feedback	X								
	Physical Activity and Health	3. Exhibits a health enhancing, physically-active lifestyle that provides opportunities for enjoyment and challenge	A. Describe and select physical activities that provide for enjoyment and challenge	X								
			C. Identify and demonstrate a variety of exercises that promote flexibility	X								
			D. Improve flexibility in shoulders, trunk, and legs	X								
			E. Participate in activities that develop and maintain muscular strength and endurance	X								
			F. Identify opportunities for participation in physical activity in the community	X								
		4. Knows the benefits from being involved in daily physical activity and factors that affect physical performance	F. Explain the link between physical activity/inactivity and health	X								
		5. Understands and applies safety practices associated with physical activities	A. Use equipment safely and properly	X								
			D. Identify potential risks associated with physical activities	X								
	Social Development	6. Understands basic components of structured physical activities	A. Distinguish between compliance and noncompliance with rules and regulations	X								
			B. Analyze potential risks associated with unsafe movement and improper use of equipment	X								
		7. Develops positive self-management and social skills needed to work independently and with others in physical activity settings	A. Follow rules, procedures, and etiquette	X								
			C. Work independently and stay on task	X								

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Fine Arts	Creative Expression	2. Communicates ideas through original artworks using a variety of media with appropriate skills	C. Produce drawings; paintings; sculpture, including modeled forms; and other art forms using a variety of art media and materials						X	X		
	Historical and Cultural Relevance	3. Demonstrates an understanding of art history and culture by analyzing artistic styles, historical periods and a variety of cultures.	A. Compare the purpose and effectiveness of artworks from various times and places, evaluating the artist's use of media and techniques, expression of emotions, or use of symbols						X			
			B. Compare purpose and content in artworks created by historical and contemporary men and women, making connections to various cultures						X			
Career Development	Exploring Careers *designed for 7th and 8th grade, but several are met by Coastal Expo activities	2. Analyzes personal interests and aptitudes regarding education and career planning	E. Identify entrepreneurial opportunities within a field of personal interest					X				X
		4. Evaluates skills for personal success	B. Use interpersonal skills to facilitate effective teamwork					X				
			C. Use problem-solving model and critical-thinking skills to make informed decisions					X				
			D. Use effective time-management and goal-setting strategies					X				
			E. Effectively use information and communication technology tools					X				
			F. Identify skills that can be transferable among a variety of careers					X				
		7. Develops skills for professional success	A. Demonstrate effective verbal, nonverbal, written, and electronic communication skills					X				
			C. Model characteristics of effective leadership, teamwork, and conflict management					X				
			E. Explore and model characteristics necessary for professional success					X				
			F. Complete activities using project- and time-management techniques					X				
		8. Identifies and explores technical skills essential to careers in multiple occupations	A. Complete actual or virtual labs to simulate the technical skills required in various occupations					X				X

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